

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,050,220 B2  
APPLICATION NO. : 10/826631  
DATED : May 23, 2006  
INVENTOR(S) : Miyakawa et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**On the Title Page**

(56) References Cited  
U.S. Patent Documents  
6,907,157...

Delete "B1",  
Insert --B2--

(56) References Cited  
U.S. Patent Documents  
6,922,532...

Delete "B1",  
Insert --B2--

(57) Abstract, lines 6-7

Delete "to AC component and DC",  
Insert --an AC component and a DC--

**In the Claims**

Column 8, line 53, Claim 6

Delete "fist",  
Insert --first--

Column 9, line 52, Claim 14

Delete "vlaues",  
Insert --values--

Column 10, line 2, Claim 14

Delete "vlaues",  
Insert --values--

Column 10, line 41, Claim 19

Delete "index index",  
Insert --index--

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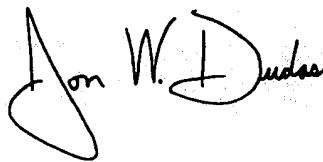
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, line 48, Claim 20

Delete "the the",  
Insert --the--

Signed and Sealed this

Twenty-sixth Day of December, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*